

# Recycling, Diversion & Waste Generation: Update of 2010 data



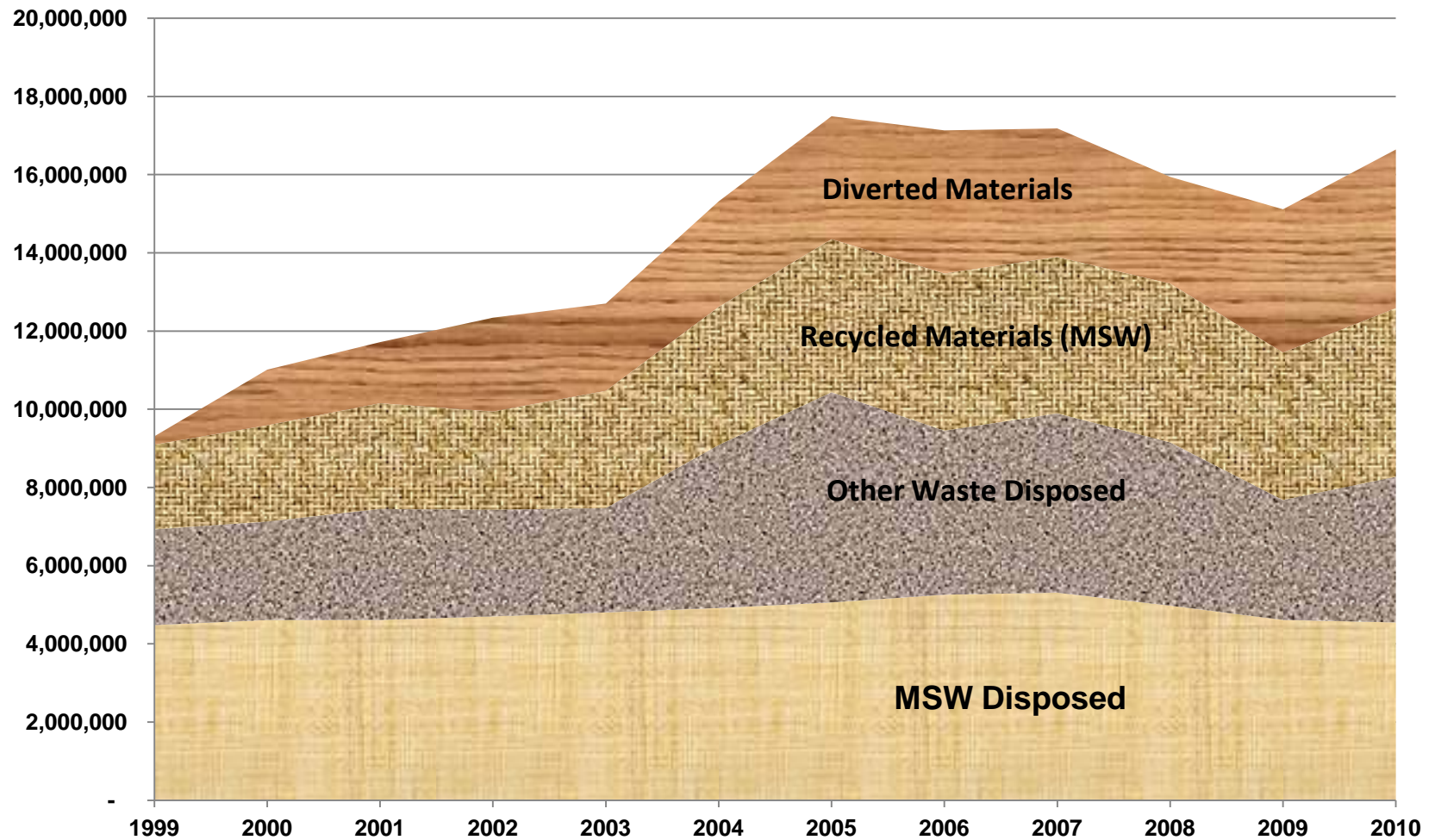
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Waste 2 Resources  
March 20, 2012

# Facilities Tracked for Recycling & Diversion Rates



- **Recycling & Diversion**: regulated and non-regulated recycling facilities, MRFs, compost, energy recovery facilities (source separated materials only), buyback centers, brokers, and some haulers, retail, manufacturers and out-of-state facilities.
- **Disposal**: landfills, incinerators.

# Solid Waste Generation



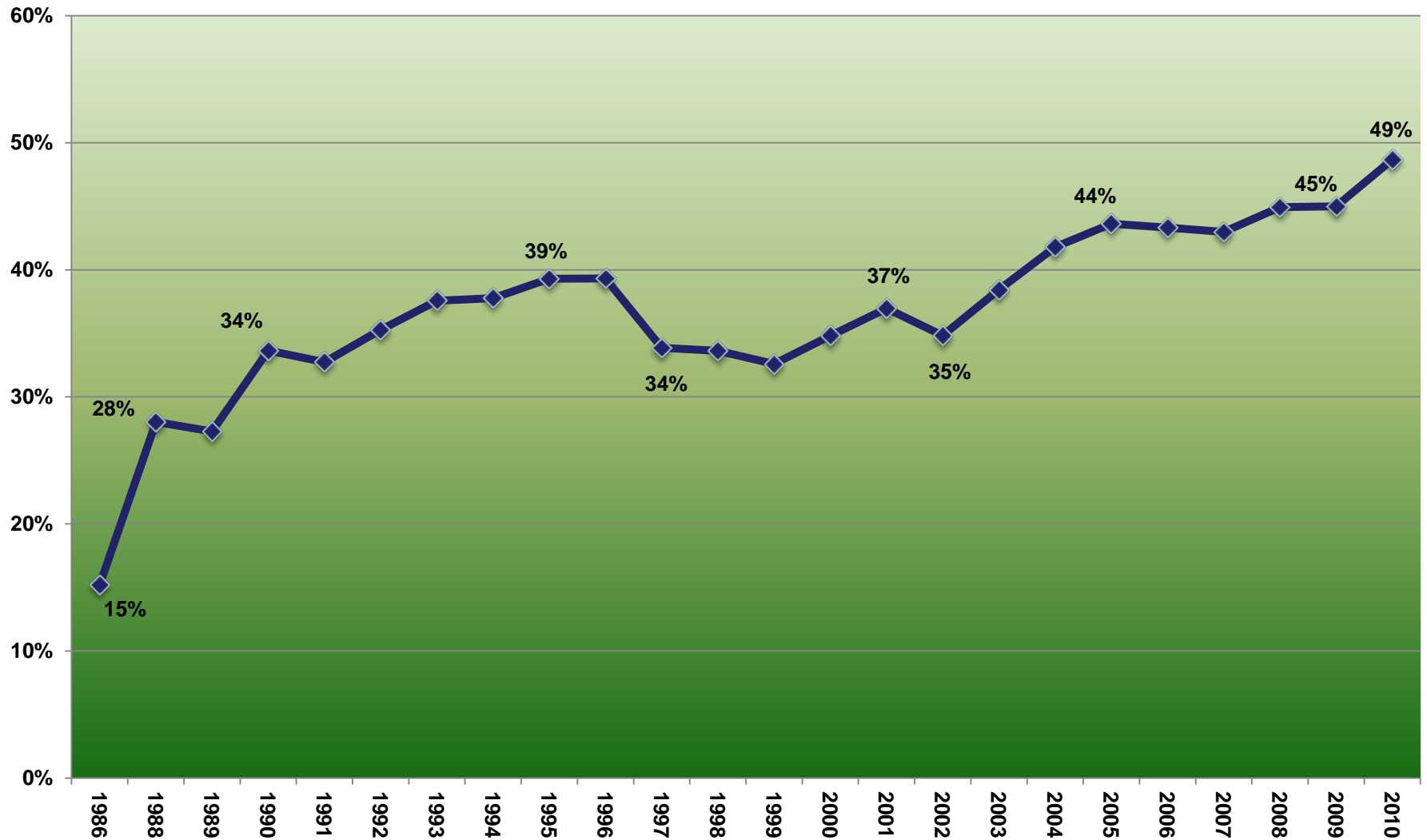
# Municipal Solid Waste (MSW) Recycling Rate



**48.7% in 2010**  
**(up from 45.0% in 2009)**

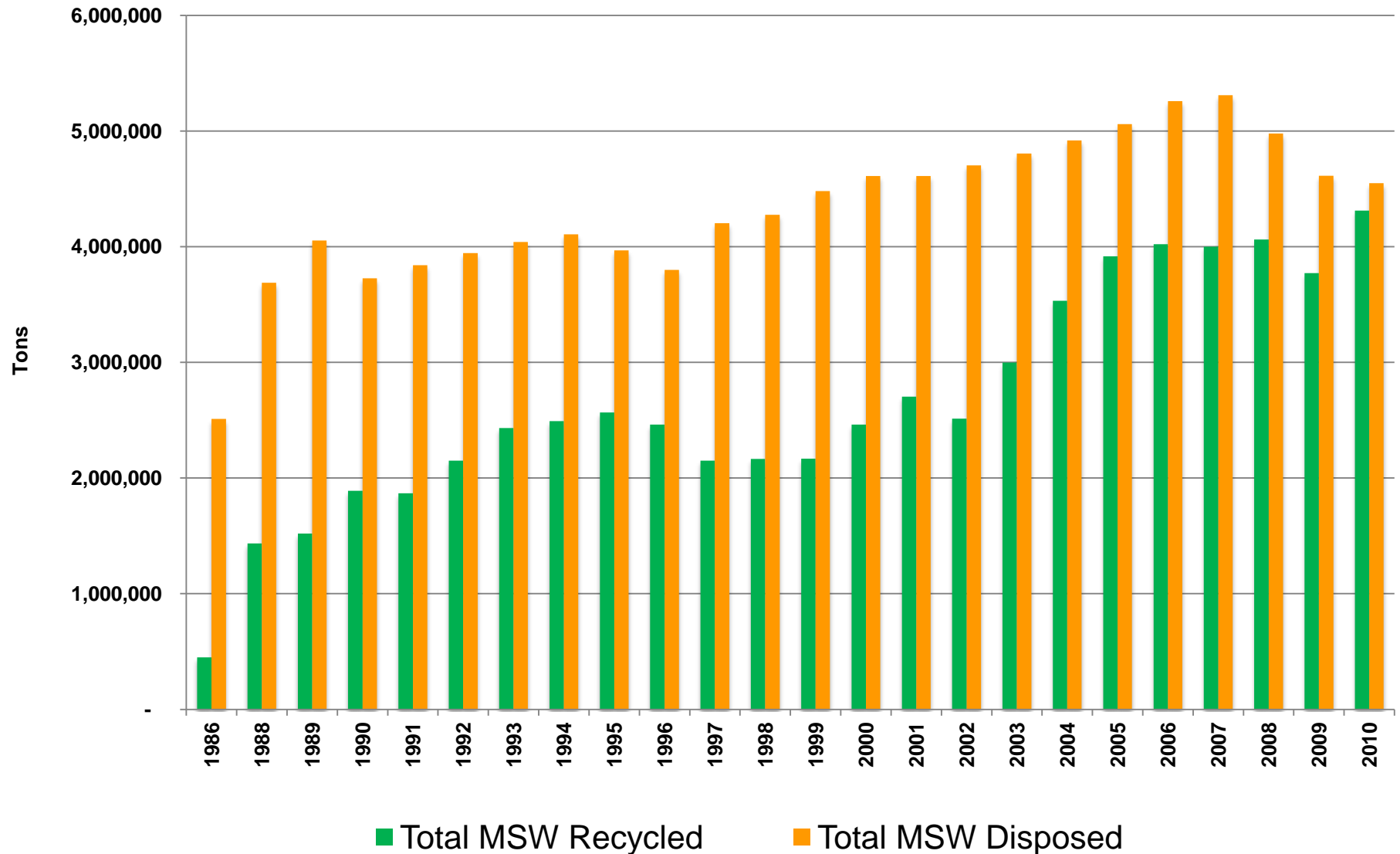
- Household and commercial wastes only. Does not include diverted materials, such as C&D materials, reuse, burning for energy.

# MSW Recycling Rate 1986-2010



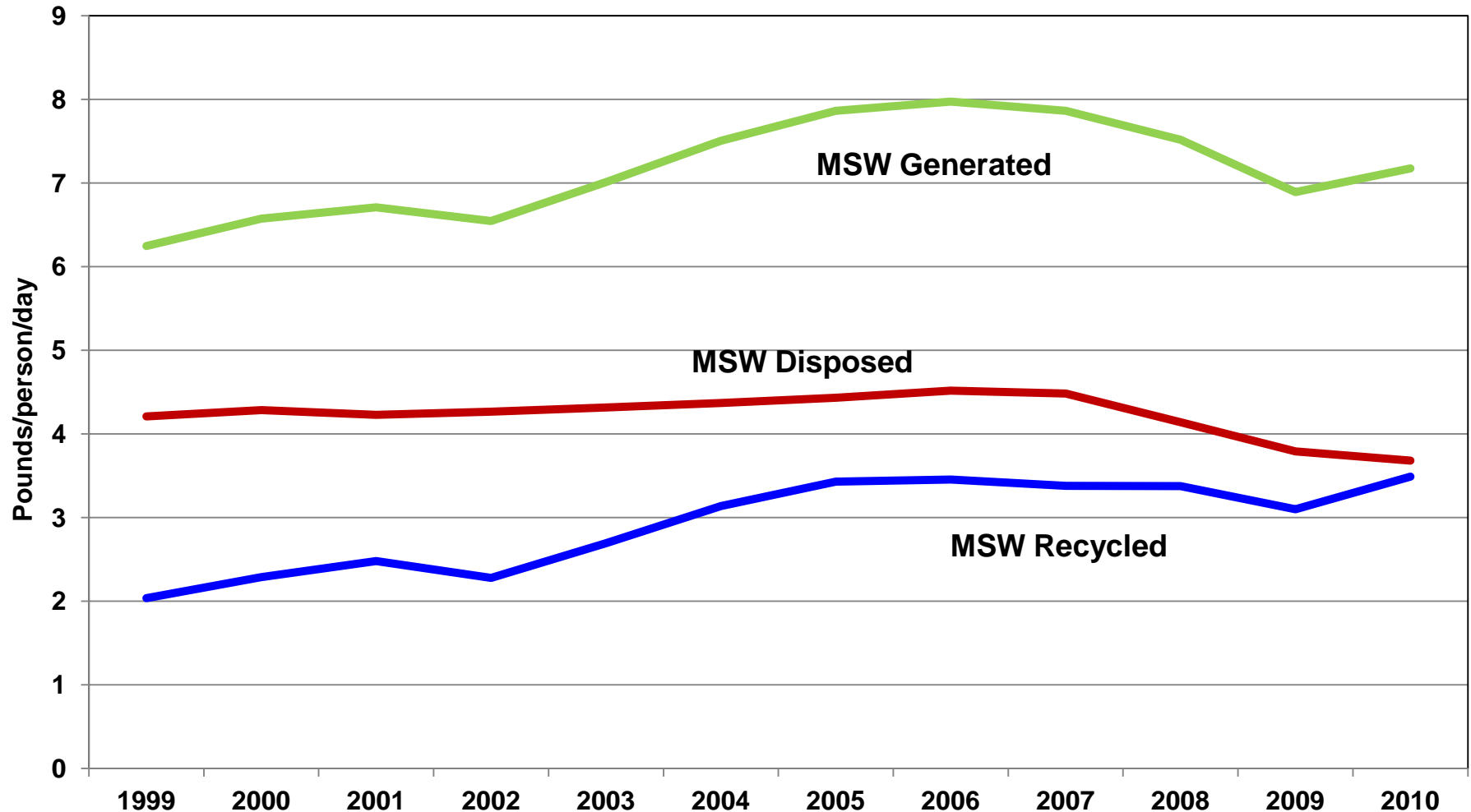


# MSW Recycled & Disposed 1986-2010





# Per Capita Recycling, Disposal and Waste Generation





# Diversion Rate

**54.3% in 2010**  
**(down from 54.8% in 2009)**

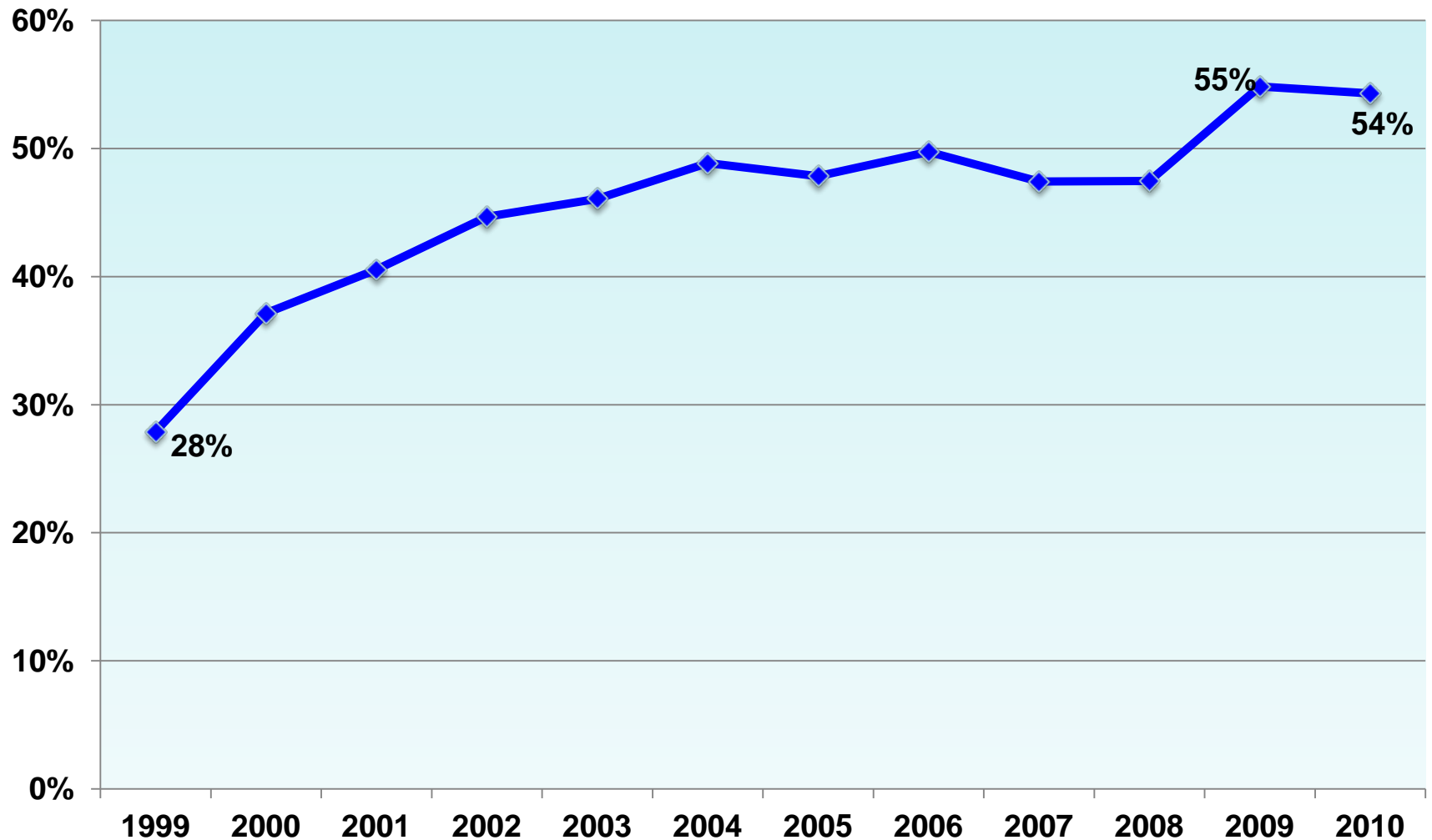


- Percentage of material that is available for recycling, reuse or energy recovery that is diverted from disposal in landfills or incinerators.
- Includes other waste types not included in the MSW recycling rate, such as inert, demolition and wood burned for energy.



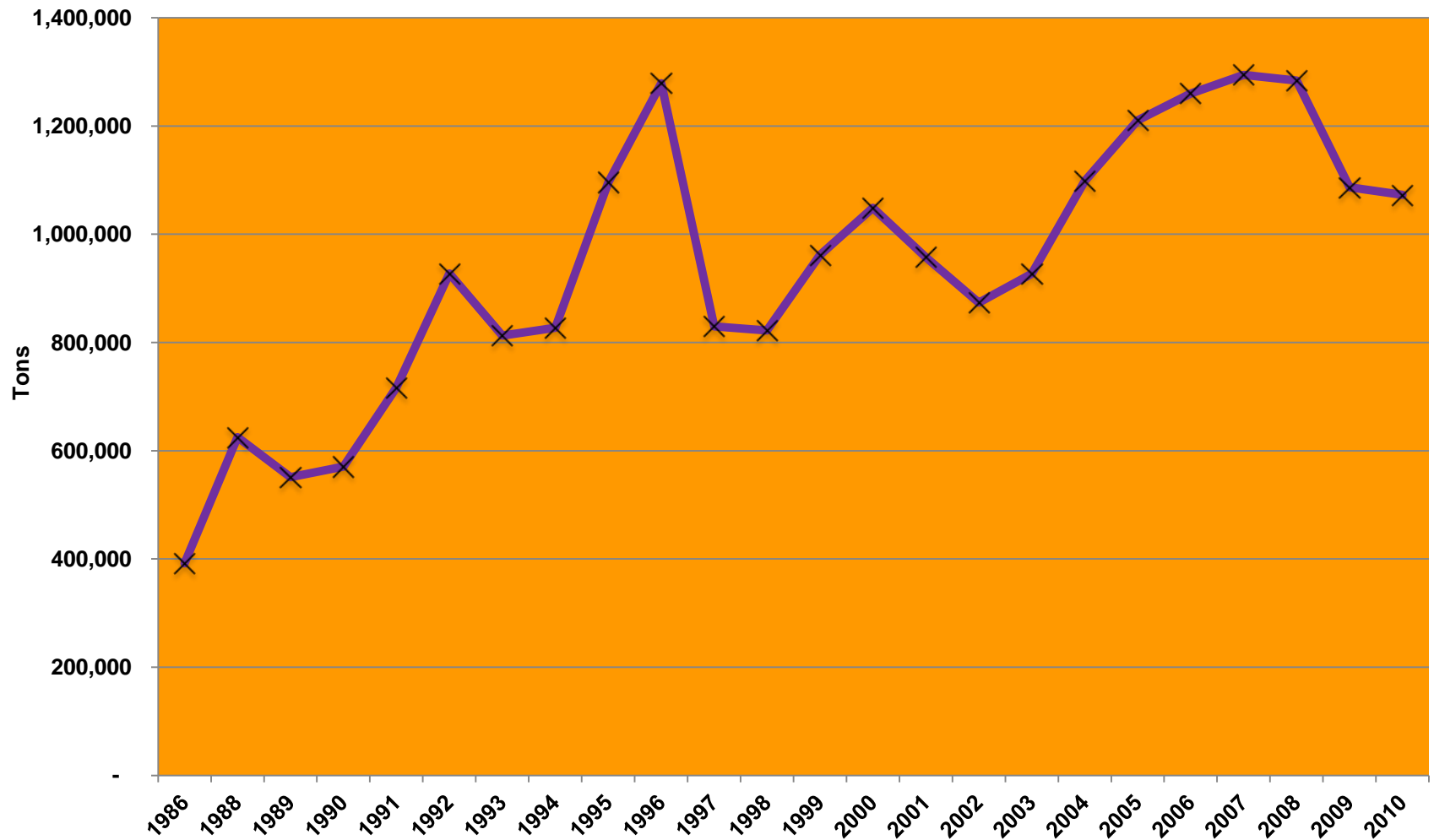


# Diversion Rate 1999-2010



# Paper Recycling

(OCC, ONP, Mixed and High Grade)

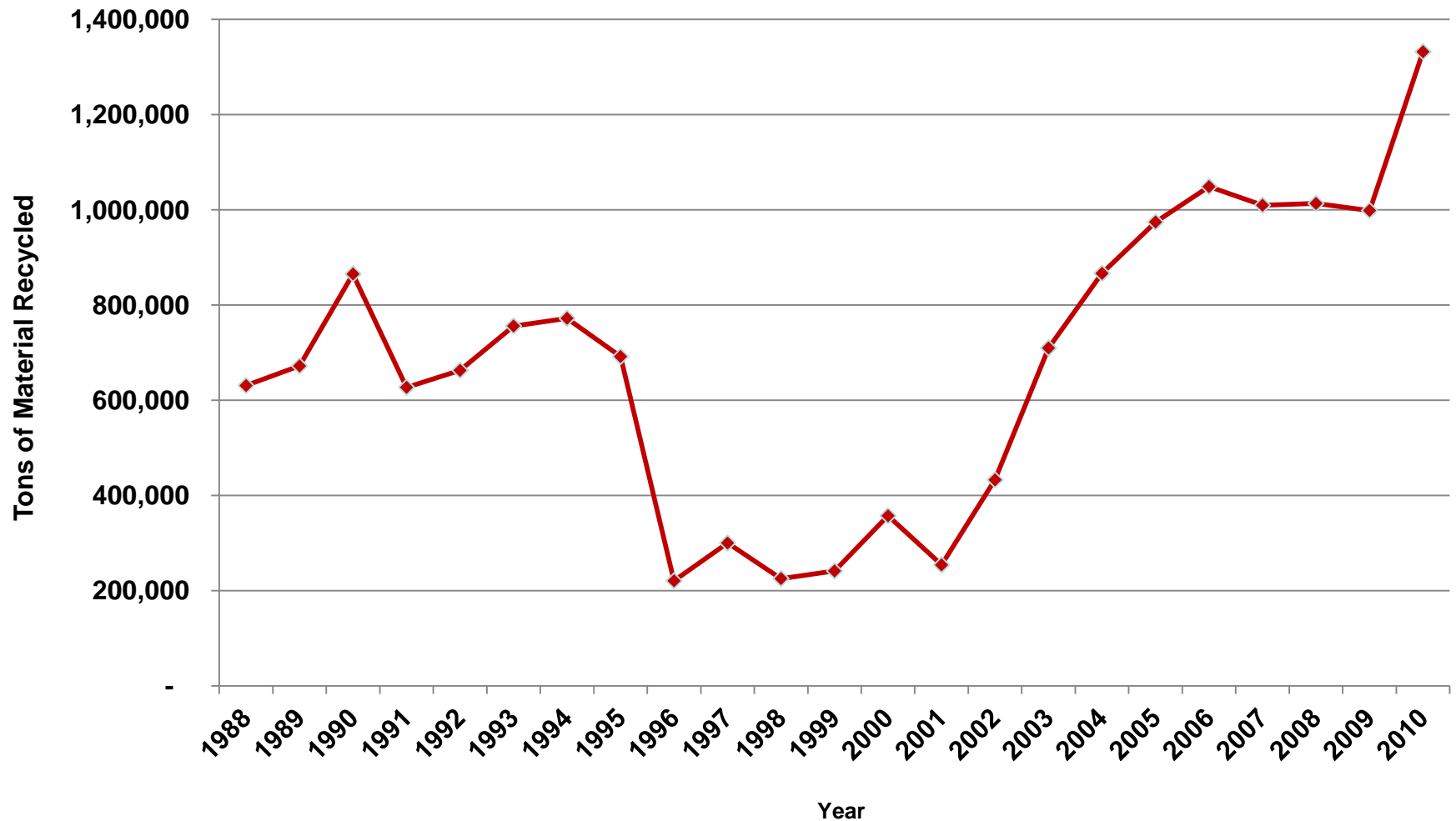


# Plastics Recycling

(PET, HDPE, LDPE & other)

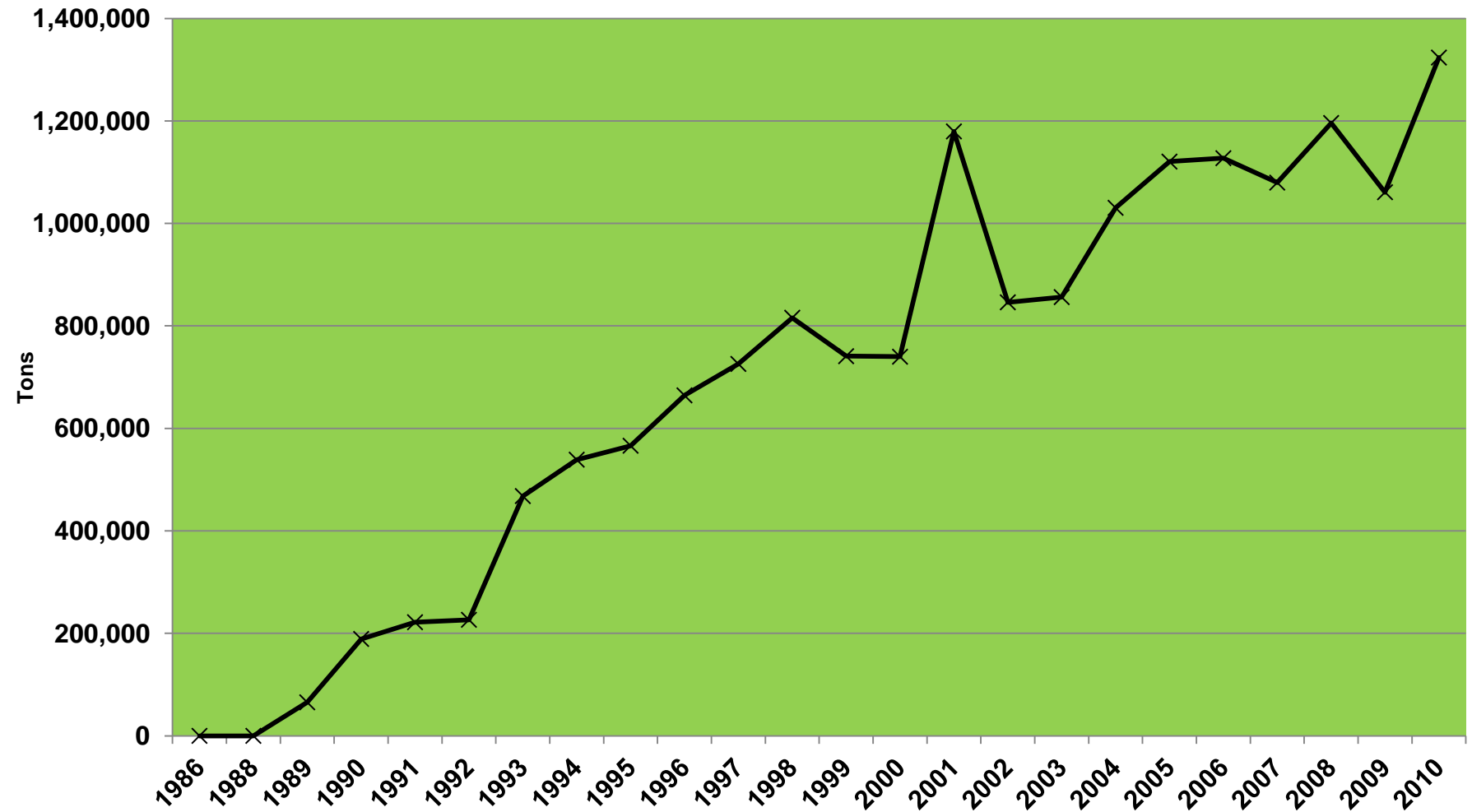


# Ferrous Metal Recycling



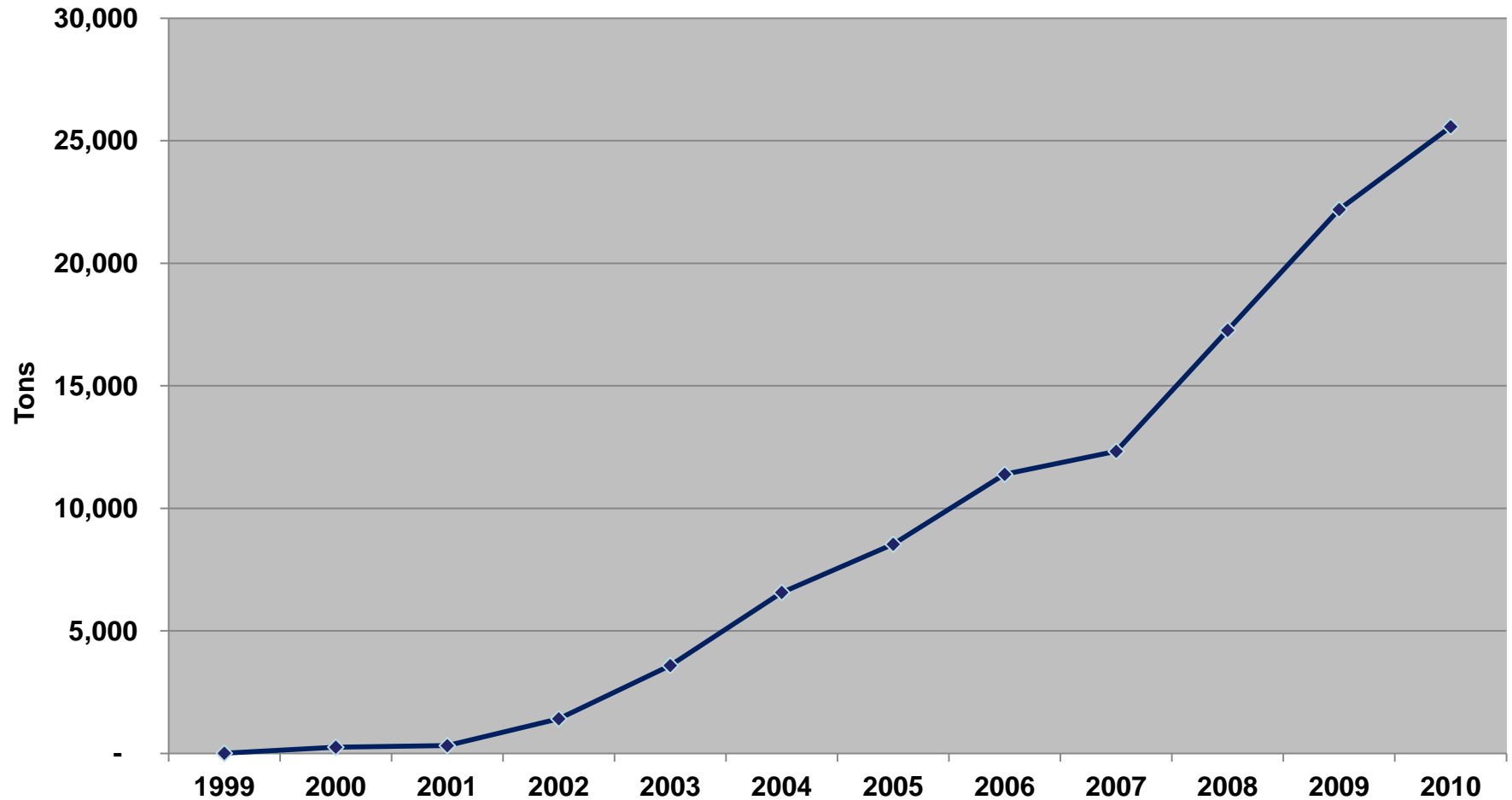


# Organics Recycling



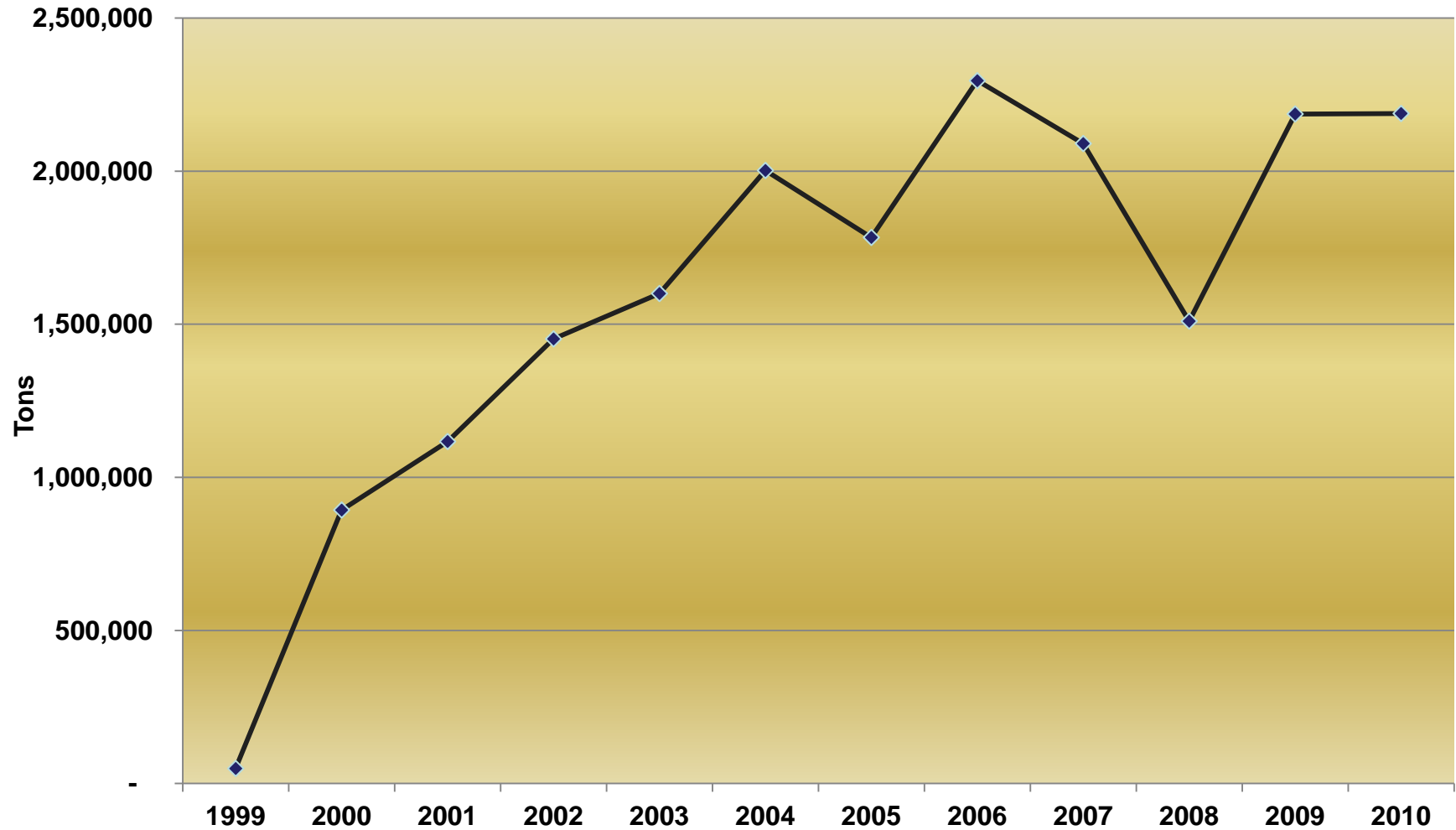


# Electronics Recycling





# Asphalt & Concrete





# Benefits of Recycling & Diversion

- Washington's measured recycling and diversion efforts for 2010 reduced greenhouse gas emissions by about 3.1 million tons (MTCE) or 918 pounds per person.



This is similar to keeping 2.1 million cars off the road each year - almost half of the passenger cars in Washington.

# Benefits of Recycling & Diversion

- The 8.4 million tons of material diverted from disposal in Washington in 2010 saved over 160 trillion BTUs of energy.

This is enough to power 1.5 million homes for a year (over half the households in Washington).



Focus on the Benefits of Recycling:  
<http://www.ecy.wa.gov/pubs/1207028.pdf>

Thank you!

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